

Title (en)

APPARATUS FOR DIRECT BLOTTING AND AUTOMATED ELECTROPHORESIS, TRANSFER AND DETECTION AND PROCESSES UTILIZING THE APPARATUS THEREOF

Title (de)

VORRICHTUNG ZUR UNMITTELBAREN ELEKTRISCHEN AUSSCHIEDUNG UND AUTOMATISCHEN ELEKTROFORESE, ÜBERTRAGUNG UND NACHWEIS UND VERFAHREN DAZU

Title (fr)

APPAREIL DE TRANSFERT DIRECT ET D'ELECTROPHORESE, DE TRANSFERT ET DE DETECTION AUTOMATISES ET PROCEDES FAISANT APPEL AUDIT APPAREIL

Publication

**EP 0619882 B1 20010314 (EN)**

Application

**EP 92925457 A 19921203**

Priority

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- US 81651391 A 19911231
- US 94555392 A 19920916

Abstract (en)

[origin: US5234559A] A separation and direct blot transfer module useful in gel electrophoresis is disclosed in which a transfer membrane stabilized by a frame is moved substantially orthogonally relative to the plane of the separation gel while in minimal contact with the end of the gel toward which molecular fragments are driven electrophoretically. The frame moves at a controlled velocity in a selected direction away from a line of contact that generates a controlled tension in the membrane which is a function of the loading on the line of contact. The module is particularly amenable to automated processing. Apparatus for automated separation, transfer, membrane processing, detection and identification is disclosed in which the module of the invention is employed.

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**G01N 27/447**

IPC 8 full level

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DOCDB simple family (publication)

**WO 9313412 A1 19930708**; AT E199780 T1 20010315; AU 3150393 A 19930728; CA 2125949 A1 19930708; DE 69231738 D1 20010419; DE 69231738 T2 20010809; EP 0619882 A1 19941019; EP 0619882 B1 20010314; IL 104031 A0 19930513; IL 104031 A 19950330; JP 3190342 B2 20010723; JP H07502598 A 19950316; MX 9207629 A 19930701; US 5234559 A 19930810

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